

CUSTOMER NO.: 24498
Serial No.: 10/518,581
Office Action dated: 08/22/05
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Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for wirelessly downloading a program to a mobile terminal, said method comprising[the steps of]:
 - receiving, from a first wireless network, guide information related to programs available for downloading[at said mobile terminal];
 - selecting a particular program for downloading in response to the guide information[by a user of said mobile terminal];
 - transmitting [by said mobile terminal] selection information to the first wireless network;
 - detecting the presence of a coverage area of a second wireless network, the second wireless network and the first wireless network having an interworking function therebetween;
 - attaching said mobile terminal to the second wireless network and authenticating said mobile terminal to the second wireless network via the first wireless network; and
 - receiving the program [by said mobile terminal] from the second wireless network in response to the authentication.
2. (Currently Amended) The method of claim 1, further comprising [the step of]:
 - transmitting selection information to the second wireless network by said mobile terminal; and
 - receiving the program from the second wireless network by said mobile terminal in response to the authentication and a comparison between the selection information transmitted to the first and second wireless networks.
3. (Currently Amended) The method of claim 1, wherein said guide information [the first] receiving step further includes receiving location information [by said mobile terminal] indicative of a location of the second wireless network.

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4. (Original) The method of claim 3, wherein the guide information includes programs available for download at the second wireless network.

5. (Original) The method of claim 3, wherein the guide information includes programs available for download from the first wireless network through the second wireless network.

6. (Currently Amended) The method of claim 2, wherein the step of transmitting to the first wireless network comprises transmitting a program [ID (PID)] identification associated with the selected program.

7. (Currently Amended) The method of claim 6, wherein the step of transmitting to the second wireless network comprises transmitting a ciphered [PTMSI] packet temporary mobile subscriber identifier and the program identification [PID] associated with the selected program.

8. (Currently Amended) The method of claim 1, wherein the first wireless network comprises a cellular network and the second wireless network comprises a wireless [LAN] local area network.

9. (Currently Amended) An [A] apparatus for wirelessly downloading a program, comprising:

means for receiving, from a first wireless network, guide information related to programs available for downloading [at said mobile terminal];

means for selecting a particular program for downloading in response to the guide information and user input;

means for transmitting [by said mobile terminal] selection information to the first wireless network;

means for detecting the presence of a coverage area of a second wireless network, the second wireless network and the first wireless network having an interworking function therebetween;

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means for registering [by said mobile terminal] with the second wireless network and authenticating said [mobile terminal] apparatus via the first wireless network; and

means for receiving the program [by said mobile terminal] from the second wireless network in response to the authentication.

10. (Original) The apparatus of claim 9, wherein the means for receiving guide information also receives location information indicative of a location of the second wireless network.

11. (Currently Amended) The apparatus of claim 9, wherein the means for transmitting to the first wireless network transmits a program [ID (PID)] identification associated with the selected program.

12. (Currently Amended) The apparatus of claim 11, wherein the means for transmitting to the second wireless network transmits a ciphered packet temporary mobile subscriber identifier [PTMSI] and the [PID] program identification associated with the selected program.

13. (Currently Amended) The apparatus of claim 9, wherein the first wireless network comprises a cellular network and the second wireless network comprises a wireless [LAN] local area network.

14. (Currently Amended) A method for transmitting a program to a mobile terminal from a first wireless network, said method comprising[the steps of]:

coupling the first wireless network to a second wireless network via an interworking function;

receiving identification information from a mobile terminal and registering the mobile terminal with the first wireless network;

transmitting the mobile terminal identification information to the second wireless network via the interworking function;

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receiving by said mobile terminal authentication information from the second wireless network;
receiving [by said mobile terminal] program identification information from the mobile terminal;
receiving second program identification information from the second wireless network;
comparing the program identification and the second program identification;
and
transmitting a requested program to the mobile terminal in response to the authentication information and the comparison of the first and second program identifications.

15. (Original) The method of claim 14, further comprising the step of storing a plurality of programs available for download in the second wireless network.

16. (Original) The method of claim 14, further comprising the step of receiving the requested program from the second wireless network and storing the requested program in the first wireless network prior to receiving the request from the mobile terminal.

17. (Original) The method of claim 14, further comprising the step of retrieving the requested program from the internet and storing the requested program in the first wireless network prior to receiving the request from the mobile terminal.

18. (Currently Amended) The method of claim 14, further comprising the steps of receiving a ciphered [PMTSI] packet temporary mobile subscriber identifier from the mobile terminal and a second ciphered [PMTSI] packet temporary mobile subscriber identifier from the second wireless network and transmitting the requested program in response to the comparison of the first and second ciphered [PMTSIs] packet temporary mobile subscriber identifiers and the first and second program identifications.

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19. (Currently Amended) The method of claim 14, wherein the first wireless network comprises a wireless [LAN] local area network and the second wireless network comprises a cellular network.